AUTODOC CLUB

How to change spark plugs on **Mercedes W168** – replacement guide

VIDEO TUTORIAL



Important!

This replacement procedure can be used for:
MERCEDES-BENZ E-Class Saloon (W124) E 200 (124.019), MERCEDES-BENZ E-Class Saloon (W124) E 220 (124.022), MERCEDES-BENZ E-Class T-modell (S124) E 200 T (124.079), MERCEDES-BENZ E-Class T-modell (S124) E 220 T (124.082), MERCEDES-BENZ E-Class Convertible (A124) E 200 (124.060), MERCEDES-BENZ E-Class Coupe (C124) E 200 (124.040), MERCEDES-BENZ E-Class Convertible (A124) E 220 (124.062), MERCEDES-BENZ E-Class Coupe (C124) E 220 (124.042), MERCEDES-BENZ C-Class Saloon (W202) C 180 (202.018), MERCEDES-BENZ C-Class Saloon (W202) C 220 (202.022), MERCEDES-BENZ C-Class Saloon (W202) C 200 (202.020), MERCEDES-BENZ SPRINTER 2-t Bus (901, 902) 214 2.3, MERCEDES-BENZ E-Class Saloon (W210) E 200 (210.035), MERCEDES-BENZ E-Class Saloon (W210) E 230 (210.037), MERCEDES-BENZ Saloon (W124) 200 E 2.0 (124.019), (+ 48)

The steps may slightly vary depending on the car design.

REPLACEMENT: SPARK PLUGS – MERCEDES W168.
TOOLS YOU NEED:



- High-temperature anti-seize lubricant
- Drive socket # E11
- Drive socket # 16
- Ratchet wrench
- Torque wrench
- Fender cover

BUY TOOLS

Replacement: spark plugs – Mercedes W168. AUTODOC experts recommend:

- The replacement procedure is the same for all spark plugs.
- All work should be done with the engine stopped.

REPLACEMENT: SPARK PLUGS – MERCEDES W168. RECOMMENDED SEQUENCE OF STEPS:

1 Open the hood.



2 Use a fender protection cover to prevent damaging paintwork and plastic parts of the car.

3 Detach the connector from the ignition coil.



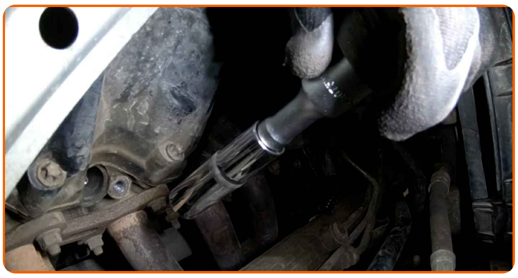
4 Unscrew the ignition coil bracket. Use a drive socket #E11. Use a ratchet wrench.



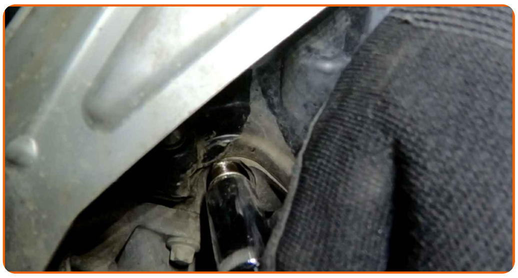
5 Take out the ignition coil from the spark plug well.



6 Unscrew the spark plugs. Use the spark plug socket #16. Use a ratchet wrench.



7 Take out the spark plugs.



8 Apply a thin layer of a special high temperature anti-seize lubricant to the threads of the new spark plugs.



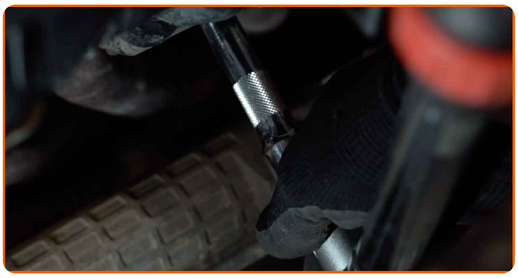
9

Install the new spark plugs into their mounting seats.



10

Screw new spark plugs and tighten them. Use the spark plug socket #16. Use a torque wrench. Tighten it to 25 nm torque.



Replacement: spark plugs – Mercedes W168. Professionals recommend:

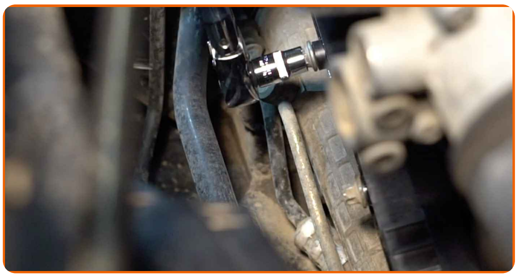
- Don't tighten the plugs with excessive force. Exceeding tightening torque can damage the thread connection.
- Be careful when working with a spark plug wrench. Its skewing can cause damage to the threaded connection.

11

Install the ignition coil to the spark plug well. Make sure you hear a click indicating that it is locked in place.



12 Tighten the ignition coil fastening. Use a drive socket #E11. Use a torque wrench. Tighten it to 12 nm torque.



13 Plug in the ignition coil connector.



14 Run the engine for a few minutes. This is necessary in order to make sure that the component operates properly.



15 Shut off the engine.



16 Remove the fender protection cover.

17

Close the hood.

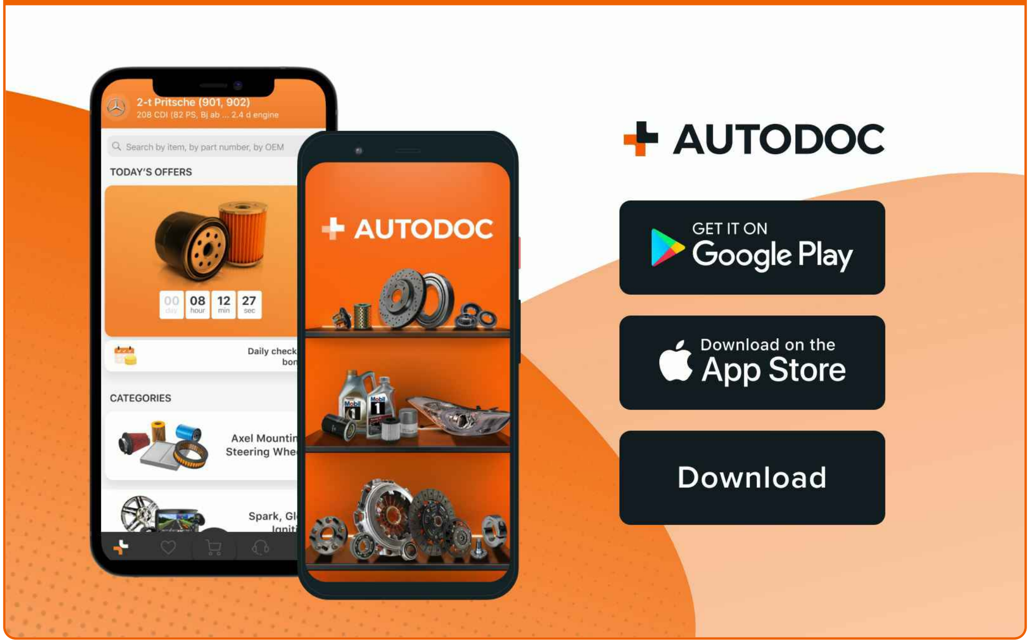


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SPARK PLUGS: A WIDE SELECTION

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